Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work: Construction of Bengalore-One Office and tax Office, ward office and Multipurpose Building in Ward No.12, in Shettyhalli Sub Division.

EMB 2nd and Final

Sl No	Description of Items	No	L	B	D	Qty	Unit
22	**Providing and fixing in position fully panelled Honne wood shutters for doors**, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour,HOM of machineries completed as per specification (excluding cost of fixtures)(**Page No.53, Item No. 9.15)**						
	Door D (GF & FF)	2	1.75		2.35	8.23	
	Door D1 (GF & FF)	2	1.10		2.35	5.17	
						13.40	Sqm

Assistant Engineer
Ward No 12 01/6/2020

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

23	**Providing and fixing in position shutters for doors made out of Honne wood styles** and rails of 35mm. Thick with bottom and lock rail 180mm wide top rail and styles 100mm wide as per drawings and panels of 18mm thick is exteriors grade melamine impregnated prelaminations particle board colour on one sides including cost of materials, labour, HOM of machineries complete as per specifications.(excluding cost of fixtures) **(Page No.55, Item No.9.38)**						
	Door D2 (GF & FF)	1.00	0.75		2.35	1.76	
						1.76	Sqm

Assistant Engineer
Ward No 12 01/6/2020

Assistant Executive Engineer
Shettyhalli Sub Division

Continued.....

Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all						
	4	0.60	1.2		2.88	
					2.88	Sqm

Assistant Engineer
Ward No 12 01/6/2020

Assistant Executive Engineer
Shettyhalli Sub Division

Scanned by CamScanner

Continued.....

Providing colour glazedzed tiles of all sizes 10mm thick for flooring, treads of steps and landing laid on a bed of 12mm thick , cement mortar 1:3 mix, flush pointing using white cement,with matching colour pigment, including cost of a materials, labour, curing, complete as per specifications(30 X45) (Page No. 108, Item No. 14.41.3)						
Toilet						
GF Toilet Floor	1	1.20		1.75	2.10	
	1	1.65		1.40	2.31	
FF	1	2.10		1.80	3.78	
	1	1.50		1.60	2.40	
	1	3.00		1.50	4.50	
	1	0.70		1.6	1.12	
					16.20	Sqm

Assistant Engineer
Ward No 12 02/06/2020

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

36	**Providing and fixing colour glazed tiles of size 300mmx450mm for walls** with borders of size 300x100mm, set in Cement Mortar 1:3 and pointed with white cement with matching colour pigment with necessary curing, cleaning including providing and removing scaffolding wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for equipment, etc., complete as per specification						
	G F Wall cladding						
	Toilet	2	1.75		2.20	7.70	
		2	1.20		2.20	5.28	
	Toilet	2	1.40		2.20	6.16	
		2	1.65		2.20	7.26	
	First flooring					0.00	
	GF	2	1.80		2.60	9.36	
	Toilet	2	2.10		2.60	10.92	
		2	1.80		2.60	9.36	
	Toilet	2	1.50		2.60	7.80	
		2	3.00		2.60	15.60	
		2	1.50		2.60	7.80	
						63.84	Sqm

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike,
Dasarahalli Division, Bangalore-57.

Assistant Engineer
Ward No 12 02/06/2020.

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

Scanned by CamScanner

	Providing and applying painting two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after throughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications **with primer.(Page No. 119, Item No. 15.51.2)**					
		Qty vide item No.29			1257.11	
					1257.11	Sqm

Assistant Engineer
Ward No 12 08/06/2020

Assistante Executive Engineer
Shettyhalli Sub Division 8/6

Continued.....

9	**Extra for providing and applying every subsequent coat of painting with plastic emulsion paint** of approved brand and shadefor Item No.15-15.1 and 15.53 cost of materials, labour complete as per specifications **(PageNo.120, Item No.15.52.3)**					
		Qty vide item No.30			1257.11	
					1257.11	Sqm

Assistant Engineer
Ward No 12 08/06/2020

Assistante Executive Engineer
Shettyhalli Sub Division 8/6

Continued.....

40	**Providing and finishing external walls in two coats with waterproof cement paint of** approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications (**Page No. 120, Item No. 15.53.2)**					
		Qty vide item No.30			1257.11	
					1257.11	Sqm

Assistant Engineer
Ward No 12 08/06/2020

Assistante Executive Engineer
Shettyhalli Sub Division 8/6

Continued.....

	Extra for providing and applying every subsequent coat of water proofing cement paint of approved brand nd shade for item No.15-16.1 cost of materials,labour,complete as per specifications **(Page No.120, Item o.15.53.3)**					
		Qty vide item No.30			1257.11	
					1257.11	Sqm

Assistant Engineer
Ward No 12 08/06/2020.

Assistante Executive Engineer
Shettyhalli Sub Division 8/6

Scanned by CamScanner

Assistant Engineer
Ward No 12

Assistante Executive Engineer
Shettyhalli Sub Division

Continued.....

	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios **(Page No. 121, Item No. 15.59)**					
	Door D	2	3.00	3.00		18.00
	Door D	2	1.20	2.80		6.72
						24.72 Sqm

Assistant Engineer
Ward No 12 08/06/2020

Assistante Executive Engineer
Shettyhalli Sub Division 8/6

Continued.....

43	**Providing and applying painting two coats (excluding priming coat)** on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications **(Page No.121, item No.15.60.1)**					
		Qty vide item No.42				24.72
						24.72 Sqm

Assistant Engineer
Ward No 12 08/06/2020

Assistante Executive Engineer
Shettyhalli Sub Division 8/6

Continued.....

	Providing and fixing on wall surface 4.0kg?Sq.cm **H.D.P.E. rain down water pipes 90mm outer dia approved** nake and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, ncluding cost of materials, labour, complete as per specification (Page No. 49, Item No. 8.18)					
		6	8.00			48.00
						48.00 Rmt

Assistant Engineer
08/06/2020

Assistante Executive Engineer
8/6

Scanned by CamScanner

	providing and fixing in position brass gate valve with C.I. Wheel of approved quality (Screwed end) 32mm nominal bore including cost of all materials labour and HOM of Equipments with all lead complete as per specificatins **(page No.93, Item No. 13.35)**						
		6				6	
						6	Nos

Assistant Engineer
Ward No 12 10/6/2020

Assistante Executive Engineer
Shettyhalli Sub Division 12/6

Continued.....

3	Providing and laying in position to required level or slope 230mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints including cost of materials, labour charges Complete as per specification and direction of Engineer-in-charge of the work.						
		1	28			28.00	
						28.00	Rmt

Assistant Engineer
Ward No 12 12/6/2020

Assistante Executive Engineer
Shettyhalli Sub Division 12/6

Continued.....

54	Constructing brick masonry inspection chamber 455x610 mm, and 450 mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5 in C.I.cover with frame (light duty 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R CC Top slab with cement concrete1:2:4 mix 20 mm and downsize granite metal, foundation concrete 1:5:10 with 40 mm and down size granite metal inside plastering 12 mm rhick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing Complete as per specification and direction of Engineer-in-charge of the work.						
		1	4			4.00	
						4.00	Nos

Assistant Engineer
Ward No 12 12/6/2020.

Assistante Executive Engineer
Shettyhalli Sub Division 12/6

Continued.....

Providing and fixing in position brass bib cock of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads, complete as per specifications. Complete as per specification and direction of Engineer-in-charge of the work.	

Scanned by CamScanner

	Fabricating, supplying and						
	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm					2.00	Nos
122	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.25Sqmm					5.00	Mtrs
123	Supplying and fixing hylum plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc., and fixing on existing wood or metal box using N.F. screws.					1.00	Nos
124	Providing Rcc Pole pedstal of Size 0.5x0.5x1.6 Mtrs Including digging of pit, tor steel, anchoring bolts nuts ,templates ,Centring,1:4:8base concrete,1:2:4pedestal concrete and etc coplete as per the data sheet enclosed					3600.00	Sq CM
125	Supplying of...TR split Air conditioners suitable for operation on A/C supply single phase 50 Hz 230 Volts with hermetically sealed compressor with air cooled condenser, motor capacitor and start run capacitors, relay and over load protector internal unit, with one indoor and one outdoor unit. The condenser unit will be placed outside the room on the terrace to avoid noise including standard length of suitable size copper tubing covered with insulation tube.(High wall chorded/cordless) suitable capacity 3 core sheathed/ PVC copper cable and a battery operated wireless remote unit. 5star 2 ton capacity					2.00	Nos
126	Supplying and installation of insulated refrigerant copper tubing of 5/8`` and 3/8`` with polythene foam insulation 3 core 80 stand copper wiring between indoor and outdoor unit. Leak testing oil and gas charging for additional piping length of tube.Split					20.00	Mtrs
127	Supplying, erecting, testing and commissioning of voltage stabilizer suitable for 170 to 270 v in put and load variation from no load to full load, with over load protection, spike suppression, operating at 00 C to 400 C. Range etc., complete.4KVA Capacity					2.00	Nos
128	Bescom Charge					1.00	L/S

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2018-19
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-12 15/6/2020.

Assistante Executive Engine
Shettyhalli Sub Division

Scanned by CamScanner